

PATENT  
4035-0167PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: WU et al.  
Appl. No.: NEW Group: UNASSIGNED  
Filed: June 25, 2004 Examiner: UNASSIGNED  
For: WIRELESS COMMUNICATION METHOD, WIRELESS  
COMMUNICATION SYSTEM, WIDE-AREA WIRELESS  
COMMUNICATION BASE STATION, AND WIRELESS  
COMMUNICATION TERMINAL

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 25, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. ☐ This application was filed before June 30, 2003. Accordingly, submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. ☒ This application was filed on or after June 30, 2003. Accordingly, copies of cited US patents and patent application publications therefore are not included. Copies of foreign patent documents and non-patent literature are

STN REPLY 25 JUN 2004

Docket No. 4035-0167PUS1

included.

- c. ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.

- b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Patent documents 2,192,513, ES 2 091 148, 2 668 278 and 5-502150 are cited in the search report submitted herewith; An English language abstract is attached to each of Japanese patent documents 4-196833, 9-224288, 2-288537, 8-265248, 3-32236 and 63-224422.

- c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

- d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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4035-0167PUS1

Attachment(s): ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Fee  
☐ Other: \_\_\_\_\_

(Rev. 02/12/2004)

10/500189

Sheet 1 of 1 (6/25/04)

DT11 Rec'd PCT/PTO 25 JUN 2004

Form PTO-1449

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
4035-0167PUS1

APPLICATION NO.  
NEW

APPLICANT  
WU et al.

FILING DATE  
June 25, 2004

GROUP  
UNASSIGNED

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,802,470	A	1998-09-01	Gaulke et al.			
	US						
	US						
	US						
	US						

## **FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
		2,192,513		1997-07-12	CANADA				X
		WO92/04797		1992-03-19	PCT				
		EP0784412	A2	1997-07-16	EPO				
		AU9710092		1996-10-10	AUSTRALIA				
		2254526	A	1992-10-07	GREAT BRITAIN				
		ES2091148		1996-10-16	SPAIN				X
		2668278		1992-04-24	FRANCE				X
		5-502150	A	1993-04-15	JAPAN				X
		4-196833	A	1992-07-16	JAPAN			Abs	
		9-224288	A	1997-08-26	JAPAN			Abs	
		2-288537	A	1990-11-28	JAPAN			Abs	
		8-265248	A	1996-10-11	JAPAN			Abs	
		3-32236	A	1991-02-12	JAPAN			Abs	
		63-224422	A	1988-09-19	JAPAN			Abs	

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.